

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

C 1. (Currently Amended) A method for frequency calibration of a testing apparatus *including* for testing mobile terminals provided for operation in a mobile communication net, ~~such as~~ mobile or cellular telephones, comprising:

a testing apparatus passively listening to an established communication based on a data communication between a mobile terminal and a mobile communication net, the testing apparatus at least partially sampling and evaluating the information signals underlying the communication; and;

D based on the evaluation, calibrating a reference frequency unit incorporated in the testing device apparatus, wherein bit streams are processed as information signals and wherein calibrating the reference frequency unit includes minimizing the frequency error of the bit streams measured by the testing apparatus.

2. (Previously Presented) The method according to claim 1, wherein the established communication includes a data communication between the mobile terminal and a base station of the mobile communication network.

~~3.~~ (Currently Amended) The method according to claim 1, wherein ~~bit streams are processed as information signals, the bit streams being~~ are periodical in the time domain.

4. (Canceled)

5. (Previously Presented) The method according to claim ~~3~~, wherein bursts from the mobile terminal establishing the data communication are analyzed by the testing apparatus as the bit streams.

B 6. (Currently Amended) The method according to claim ~~5~~ 1, wherein the reference frequency unit is electrically calibrated.

7. (Currently Amended) The method according to claim ~~5~~ 2, wherein the bursts are analyzed by the testing apparatus in an asynchronous test mode.

8. (Previously Presented) The method according to claim 1, wherein, prior to the testing apparatus passively listening, the mobile terminal and the base station perform an initial synchronization.

9. (Previously Presented) The method according to claim 2, wherein to establish a data communication between the mobile terminal and the base station, the mobile terminal is initialized and booked onto the mobile communication net.

10. (Previously Presented) The method according to claim 1, wherein the testing apparatus is coupled to a power splitter.

11 - 16. (Canceled)

17. (Currently Amended) The method according to claim 5 1, wherein the reference frequency unit is mechanically calibrated.

18. (Previously Presented) The method according to claim 1, wherein the testing apparatus is coupled to an antenna for passively listening to the communication between the mobile terminal and the communication net.

19. (New) A testing apparatus for testing mobile terminals provided for operation in a mobile communication net, ^{including} ~~such as~~ mobile or cellular telephones, the testing apparatus comprising:

a reference frequency unit,

wherein the testing apparatus passively listens to an established communication based on a data communication between a mobile terminal and a mobile communication net, the testing apparatus at least partially sampling and evaluating the information signals underlying the communication,

wherein based on the evaluation, the reference frequency unit is calibrated,

wherein bit streams are processed as information signals, and

wherein calibrating the reference frequency unit includes minimizing the frequency error of the bits streams measured by the testing apparatus.

~~20.~~ (New) The testing apparatus according to claim ~~19~~, wherein the reference frequency unit includes a quartz oscillators.

~~21.~~ (New) The testing apparatus according to claim ~~19~~, further comprising:
a graphic real time display device.